



BIOS Update Release Notes

PRODUCTS: NUC7I7DNKE, NUC7I7DNHE, and NUC7I7DNBE (Standard BIOS)

BIOS Version 0060 - DNKBLi7v.86A.0060.2018.1220.1528

About This Release:

- Date: December 20, 2018
- ME Firmware: 11.8.50.3510
- EC Firmware: 0D.11.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Fixed issue where Hyperthreading can't be disabled using ITK.
- Fixed issue where disk encryption on Samsung eDrive doesn't work.
- Fixed issue where BIOS update process in Linux hangs on POST code with 48FE.
- Updated EC firmware to version 11.00.

BIOS Version 0059 - DNKBLi7v.86A.0059.2018.1129.1445

About This Release:

- Date: November 29, 2018
- ME Firmware: 11.8.55.3510
- EC Firmware: 0D.10.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Set PCIe ASPM function to Disabled.

BIOS Version 0058 - DNKBLi7v.86A.0058.2018.1115.1528

About This Release:

- Date: November 15, 2018
- ME Firmware: 11.8.55.3510

- EC Firmware: 0D.10.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Added NVME hard drive string ID.
- Modified BIOS embedded DP setting.

BIOS Version 0057 - DNKBLi7v.86A.0057.2018.1030.1636

About This Release:

- Date: October 30, 2018
- ME Firmware: 11.8.55.3510
- EC Firmware: 0D.10.00
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Added USB Host/Device mode switch item in USB Configuration page.
- Fixed issue where Persistence Mode can't be set to default using ITK 6.1.8.

BIOS Version 0056 - DNKBLi7v.86A.0056.2018.1003.1622

About This Release:

- Date: October 3, 2018
- ME Firmware: 11.8.55.3510
- EC Firmware: 0D.10.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- BIOS functionality enhancements.

BIOS Version 0055 - DNKBLi7v.86A.0055.2018.0921.1802**About This Release:**

- Date: September 21, 2018
- ME Firmware: 11.8.55.3510
- EC Firmware: 0D.10.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Fixed issue where system won't boot when NVME password is enabled then disabled on Intel E6100P SSD.

BIOS Version 0053 - DNKBLi7v.86A.0053.2018.0904.1601**About This Release:**

- Date: September 4, 2018
- ME Firmware: 11.8.55.3510
- EC Firmware: 0D.10.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Fixed issue where the front panel LED blink code fails if memory is missing.
- Fixed issue with USB after updating BIOS from version 0044 to version 0052 via Jumper recovery.
- Updated Intel® ME firmware to version 11.8.55.3510.
- Updated BIOS Gigabit Ethernet binary to fix SSID issue.
- Due to the Intel® ME firmware update in BIOS version 0053, you can't downgrade to version 0052 or earlier.

BIOS Version 0052 - DNKBLi7v.86A.0052.2018.0808.1344**About This Release:**

- Date: August 8, 2018
- ME Firmware: 11.8.50.3425
- EC Firmware: 0D.10.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics

- Option ROM: 9.0.1051
- UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Fixed the issue that would cause the system not to power on.
- Fixed the issue where M.2 PCIe SSDs would run at Generation 2 speeds.+
- Removed Intel Ready Mode.
- Fixed the issue that would cause the system to automatically wake from S3 when a device was connected to the 3.5mm jack.
- Fixed the issue that would cause the wireless and Bluetooth options to disappear after they were enabled.
- Fixed the issue where "Wake on USB from S5" wouldn't work ("USB S4/S5 Power must be turned on to see this option).

+ To fix the M.2 issue, the BIOS must be installed using the [jumper recovery method](#).

BIOS Version 0050 - DNKBLi7v.86A.0050.2018.0716.1602

About This Release:

- Date: July 16, 2018
- ME Firmware: 11.8.50.3425
- EC Firmware: 0D.10.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics:
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Added the feature to keep USB power during System Reset.
- Fixed the issue where BIOS recovery wouldn't work.
- Fixed the Wake on LAN from S3 issue where the monitor wouldn't wake up.
- Updated CPU Microcode (Security Advisory-00115).

BIOS Version 0047 - DNKBLi7v.86A.0047.2018.0613.1802

About This Release:

- Date: June 13, 2018
- ME Firmware: 11.8.50.3425
- EC Firmware: 0D.10.00
- Memory Reference Code: Based on 3.2.0
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054

- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Enabled fanless mode.
- Updated the EC to version 10.00
- Fixed the issue where the splash screen logo would be askew in the OS recovery process.
- Improved the fault tolerance when using the recovery process.
- Updated the TPM 2.0 security.
- Added TPM FW update functionality.

BIOS Version 0040 - DNKBLi7v.86A.0040.2018.0315.1507

About This Release:

- Date: March 15, 2018
- ME Firmware: 11.8.50.3425
- EC Firmware: 0D.09.00
- MEBx Revision: 11.0.0.0010
- Integrated Graphics:
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Updated EC firmware version to 9.00.
- Fixed USB provisioning setting.
- Fixed issue with disabling USB port in M.2 Wireless Slot for Bluetooth.
- Fixed issue where fan control mode default value changes after F10 and re-entering BIOS.
- Fixed issue with changing Secondary Temperature Sensor Value.

BIOS Version 0039 - DNKBLi7v.86A.0039.2018.0222.1736

About This Release:

- Date: February 22, 2018
- ME Firmware: 11.8.50.3425
- EC Firmware: 0D.08.00
- MEBx Revision: 11.0.0.0010
- Integrated Graphics:
 - o Option ROM: 9.0.1051
 - o UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Updated CPU Microcode (Security Advisory-00088)

About This Release:

- Date: January 31, 2018
- ME Firmware: 11.8.50.3425
- EC Firmware: 0D.08.00
- MEBx Revision: 11.0.0.0010
- Integrated Graphics
 - Option ROM: 9.0.1051
 - UEFI Driver: 9.0.1066
- SATA RAID Option ROM: 15.7.0.3054
- AHCI Code: Based on AHCI_14
- LAN Option ROM: PXE 2.1 Build 092
- Visual BIOS: 2.2.25

New Fixes/Features:

- Initial production BIOS release

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